UF | Andrew Vince
Department *of* Mathematics

Search Andrew Vince

Introduction to Combinatorics

MAD 4203-3214
Fall 2015

Time: MWF period 7
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Textbook:

Office Hours: Monday, Wednesday, Friday period 8
  (or by appointment)

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Homework

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Topics

Introduction - what is combinatorics
    Pigeon hole principle
    Mathematical Inductiion

Enumeration
    Permutations, combinations, and partitions
    Includion-exclusion
    Recurrences
    Generating functions
    Polya theory

Graph Theory
    Trees
    Matching
    Planar graphs
    The probabilistic method

Messages

Welcome to Combinatorics

Free tutoring at the Teaching Center, SW Broward Hall. Check www.teachingcenter.ufl.edu for the time schedule.

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

The course will be conducted in accordance with the University honor code, academic honesty policy, and policy regarding the use of copyrighted material.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Information on current UF grading policies for assigning grade points
may be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx.

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at
https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific
times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

Grades

three exams 30%
homework 10%

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